STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

						., GAS AND N					AMENDED	REPORT	Y	
APPLICATION FOR PERMIT TO DRILL									1. WELL NAME and NUMBER GORDON CREEK SE-29-14-8					
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WEL							_ 3. FIELD OR WILDCAT							
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO									5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR GORDON CREEK, LLC							7. OPERATOR PHONE 403 453-1608							
8. ADDRES			9. OPERATOR E-MAIL rironside@thunderbirdenergy.com											
	AL LEASE NUMB	ER	75 E Main #343,	, Price, UT, 84501 11. MINERAL OWNERSHIP					12. SURFACE OWNERSHIP					
(FEDERAL,	INDIAN, OR ST Burnside I	ATE) Bk599 Pg645	FEDERAL INDIAN STATE FEE					FEDERAL INDIAN STATE FEE						
13. NAME (OF SURFACE OW			14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-687-2260										
15. ADDRE		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')												
	N ALLOTTEE OR	TRIBE NAME	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS					19. SLANT						
(if box 12	= 'INDIAN')		YES (Submit Commingling Application) NO					VERTICAL DIRECTIONAL HORIZONTAL						
20. LOCATION OF WELL			FC	FOOTAGES		TR-QTR	SE	SECTION		WNSHIP	RANGE		MERIDIAN	
LOCATION AT SURFACE			869 F	SL 472 FEL		SESE		29	14.0 S		8.0 E		S	
Top of Uppermost Producing Zone			869 FSL 472 FEL			SESE		29	14.0 S		8.0 E		S	
At Total Depth			869 F	869 FSL 472 FEL		SESE		29	14.0 S		8.0 E		S	
21. COUNT		RBON	22. DISTANCE TO NEAREST LEASE LINE (Feet) 462				:)	23. NUMBER OF ACRES IN DRILLING UNIT						
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)				OOL	26. PROPOSED DEPTH MD: 4127 TVD: 4127						
27. ELEVAT	TION - GROUND	LEVEL	1940 28. BOND NUMBER					29. SOURCE OF DRILLING WATER /						
	7	7495	RLB0010790				WATER RIGHTS APPROVAL NUMBÉR IF APPLICABLE 91-5193							
				Hole, Casi	ng, and	Cement Inf	ormati	ion						
String	-								d Wt. Cement Sacks Yield Weigh					
SURF	7.875	8.625 5.5	0 - 450			55 ST&C -80 LT&C	_	8.7		Class G	212 359	2.69		
PROD	7.873	3.3	0 - 412	./ 17.0	IN-	-80 LIAC		10.0		Class G	339	2.0	9 10.7	
					ATTAC	HMENTS								
	VERIFY THE	FOLLOWING	ARE ATTACH	ED IN ACCOR	DANCE W	ITH THE U	TAH OI	IL AND G	SAS CO	NSERVATIO	ON GENER	AL RUI	LES	
W EL	LL PLAT OR MAP	COMPLETE DRILLING PLAN												
✓ AFFI	SURFACE)	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER												
DIRE	ECTIONAL SURV	EY PLAN (IF DI	OR HORIZONTALLY TOPOGRAPHICA				IICAL MAF	мар						
	ry Brumwell		ice President-Operations PHONI				HONE 403	403 453-1608						
SIGNATUR								IL bbrumwell@thunderbirdenergy.com						
2======			COLUMN EMALE BUIL					2 @ (. 373				
	BER ASSIGNED 0750251000	00	Dall Ball											
			Permit Manager											



